

AI sub B1  
a plurality of capacitive elements for electrically interconnecting said plurality of conductors at respective ends of said conductors.

AQ sub B2  
11. (Amended) A very high field Magnetic Resonance Imaging (MRI) system comprising:

a radio frequency (RF) coil assembly adapted to resonate at substantially high frequencies, the RF coil assembly having a plurality of conductors of selected width to minimize inductance;

a RF coil shield assembly adapted to further reduce the inductance of the conductors contained within the RF coil assembly; and,

a RF drive cable assembly adapted to electrically connect to the RF coil assembly.

#### IN THE FIGURES

Subject to approval by the Draftsman and Examiner, Figure 1 has been amended to delete reference number 118. The changes are indicated in red on the attached copy.

#### REMARKS

This amendment is responsive to the Office Action mailed June 11, 2002 wherein claims 1-4, 6, 8-12 and 14-17 were rejected under 35 USC 012(e) as being unpatentable by Wong (US Patent 6,285,189); claims 7 was rejected under 35 USC 103(a) as being unpatentable over Wong; and, claims 5 and 13 were rejected under 35 USC 103(a) over Wong in view of Magnetic Resonance Imaging to Bushong (Bushong reference). Also, in the Office Action, Figure 1 was objected to. In this amendment, Figure 1 has been amended and claims 1 and 11 have been amended. No new matter has been added.

Claims 1-17 remain pending in this application. Reconsideration in light of the above amendments and the following remarks is respectfully requested.

#### Formal Matters

Figure 1 has been amended to delete reference number 118. In the Office Action, the